

What is claimed is:

1. A method for continuously molding a fiber reinforced plastic member with a curvature utilizing a core having a shape corresponding to the shape of the member with a curvature and disposed on a plane, the method comprising:

a step of feeding a release film deformed in advance to correspond to the curvature of the molded member;

a step of feeding plural sheets of semi-cured prepreg material formed by impregnating carbon fiber or glass fiber with thermosetting resin;

a step of laminating and deforming the prepreg into a predetermined shape;

a step of hot-pressing the laminated and deformed release film and laminated body into a predetermined shape; and

a step of post-curing the laminated body exiting the hot-pressing step by heating the same; wherein

the hot-pressing step is performed while pullers disposed before and after the hot-pressing step for gripping the laminated body and introducing the same into the hot press is used to prevent tension from being placed on the fiber in the prepreg.

2. The method for continuously molding a fiber reinforced plastic member with a curvature according to claim 1, wherein during the step of deforming the prepreg into a shape with a curvature, the width of the prepreg is adjusted so that the angle of meandering of the fiber in the longitudinal direction is 5

degrees or smaller.

3. A continuous molding apparatus for molding a fiber reinforced plastic member with a curvature utilizing a core having a shape corresponding to the shape of the member with a curvature and disposed on a plane, the apparatus comprising:

a device for feeding a release film deformed in advance to correspond to the curvature of the molded member;

a device for feeding plural sheets of semi-cured prepreg material formed by impregnating carbon fiber or glass fiber with thermosetting resin;

a device for laminating and deforming the prepreg into a predetermined shape;

a hot press device for heating and pressing the laminated and deformed release film and laminated body into a predetermined shape;

a puller disposed before and after the hot press device for gripping the laminated body and introducing the same into the hot press device; and

a postcure device for heating the laminated body exiting the hot press device; wherein

the hot press is performed while preventing tension from being placed on the fiber in the prepreg.

4. The apparatus for continuously molding a fiber reinforced plastic member with a curvature according to claim

3, wherein the device for feeding the prepreg comprises a mechanism for reeling out a specific amount of prepreg by sensing the amount of movement of the laminated body.

5. The apparatus for continuously molding a fiber reinforced plastic member with a curvature according to claim 3, wherein the puller for gripping the laminated body and introducing the same into the hot press device is interlocked with the hot press device, so that the puller moves the laminated body for a specific amount of distance when a mold of the hot press device is opened.